

CLAIMS

1) Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult or impossible to reproduce, characterized by the fact that it uses stereoscopic vision (A) of the human eye (12) to verify the three-dimensional appearance guaranteeing the authenticity of the aforementioned identifier (1) and that the identification or reading is made by visual comparison (B) of a two-dimensional image (2) of the identifier (1) stored in a database (4) accessible by a network (5), and the identifier himself (1).

2) Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult or impossible to reproduce, pursuant to Claim 1, characterized by the fact that to facilitate the identification or visual reading, one reproduces at an appropriate scale a similar image (3) to the two-dimensional image (2) of the identifier (1) (9) (10) (11), of the afore-mentioned image (2) being stored in the database (4), and that the similar image (3) is physically associated with the three-dimensional identifier (1) (9) (10) (11) to carry out a first visual comparison (C) between the volumic identifier (1) (9) (10) (11) and the similar image (3) and a second visual comparison (D) between the image (2) in its version stored in the database (4) and its similar representation (3) associated with the volumic identifier (1) (9) (10) (11).

3) Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult or impossible to reproduce, pursuant to Claim 1, characterized by the fact that it uses a call number and possibly a password associated with the identifier in order to facilitate and secure access to the database (4).

4) Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a

transparent material rendering the latter difficult or impossible to reproduce, pursuant to Claim 1, characterized by the fact that the network (5) is a telecommunications network.

5) Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult or impossible to reproduce, pursuant to Claims 1 to 4 taken together or separately, characterized by the fact that the identifier (1) (9) (10) (11) and/or two-dimensional image (2) and/or similar image (3) present a particular marking or identification in order to facilitate the visual comparison(s).